



Islamic Emirate of Afghanistan
Ministry of Transport & Aviation
Afghanistan meteorological Department
Forecast Division
Satellite General Management



Daily reports of Satellite imagery analysis. Date & Time: 07/08/2025, 15:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	√ dry	X	X	
2	South	X	✓	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry/warm	X	X	
4	East	✓	X	X	✓	X	√ dry	X	X	
5	central	✓	X	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	✓	X	√ dry	X	X	
7	Southeast	X	X	✓	✓	X	√ dry	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

- **Details:** According to satellite imagery analysis, the northern, western, eastern, central, northeastern, northwestern and southwestern areas have warm air mass (high UTH). The southern, western, southwestern areas have dust. The southeastern areas have thunderstorm. The eastern, central, northeastern and southeastern areas have cloudy sky. The all region have dry water vapor.

Note: X (Not existing phenomena), √ (exist phenomena)

- Reported by: Esmatullah Mohammadi

UTC : 2025-08-07 05:30

AirMass

Thick,
high-level cloud

Thick,

mid-level cloud

Thick,

low-level cloud

Jet

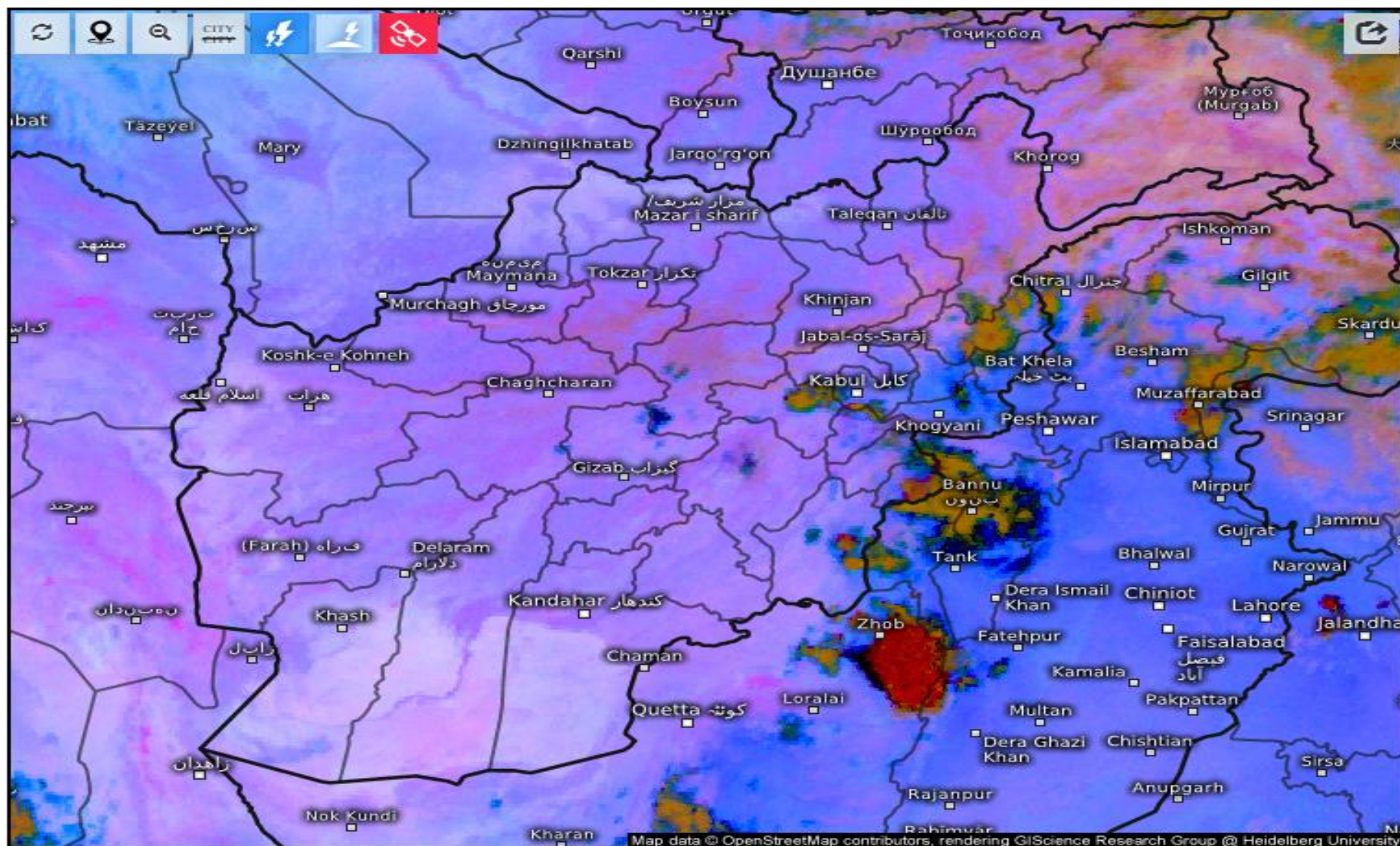
Cold Airmass

Warm Airmass
(high UTH)

Warm Airmass
(low UTH)

FY-4B AirMass RGB Composite (From WMO)



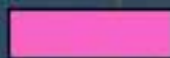


Satellite Dust

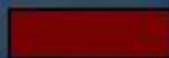
Thu 08/07/2025, 07:00pm GMT+0430

UTC : 2025-08-07 05:30

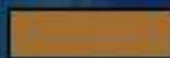
Dust



Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

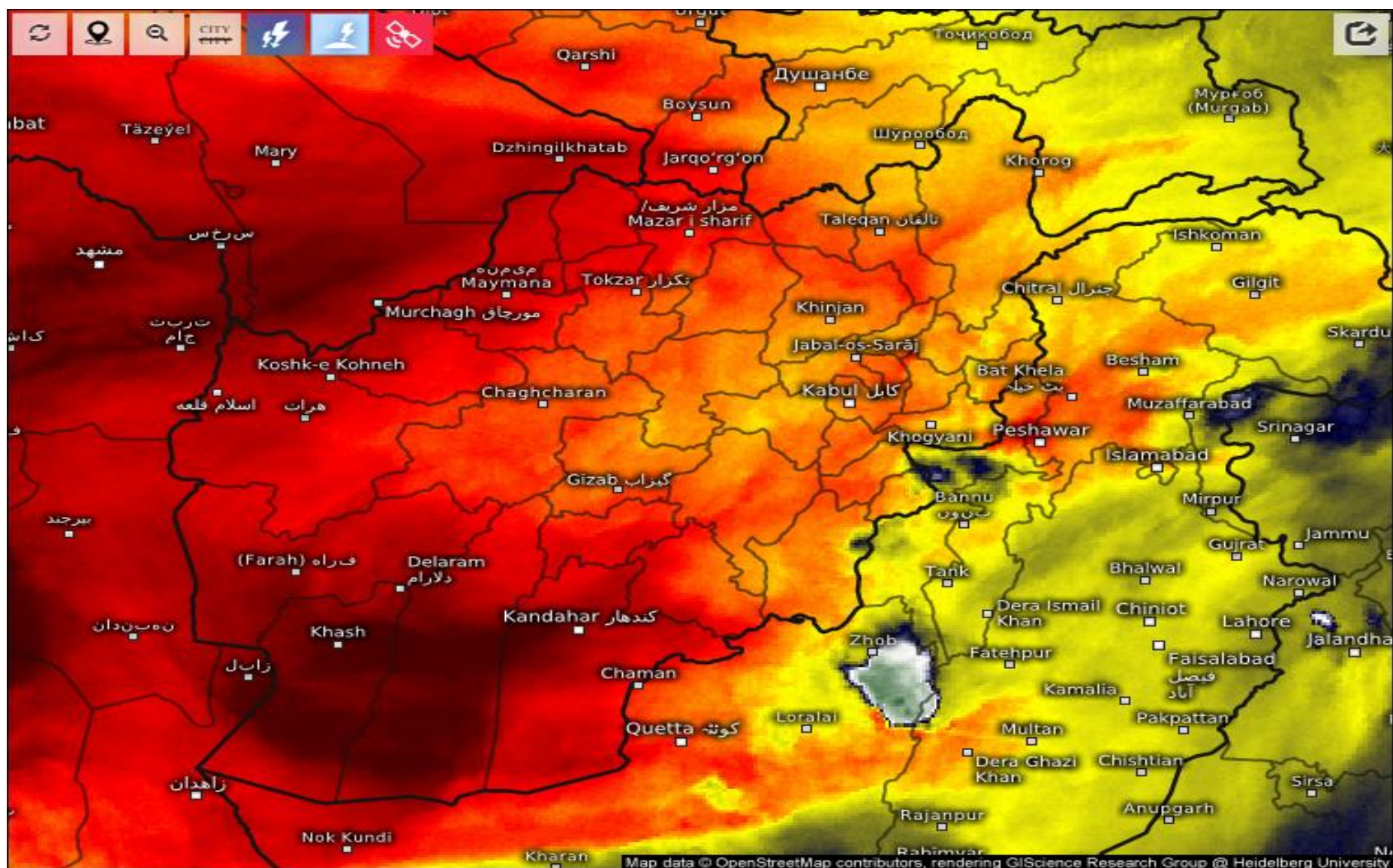


Cirrus

R = IR (12.0)
G = IR (10.8)
B = IR (10.8)

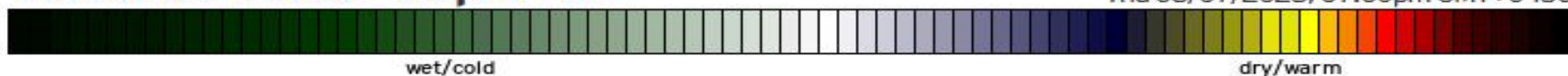
FY-4B Dust RGB Composite (From WMO)





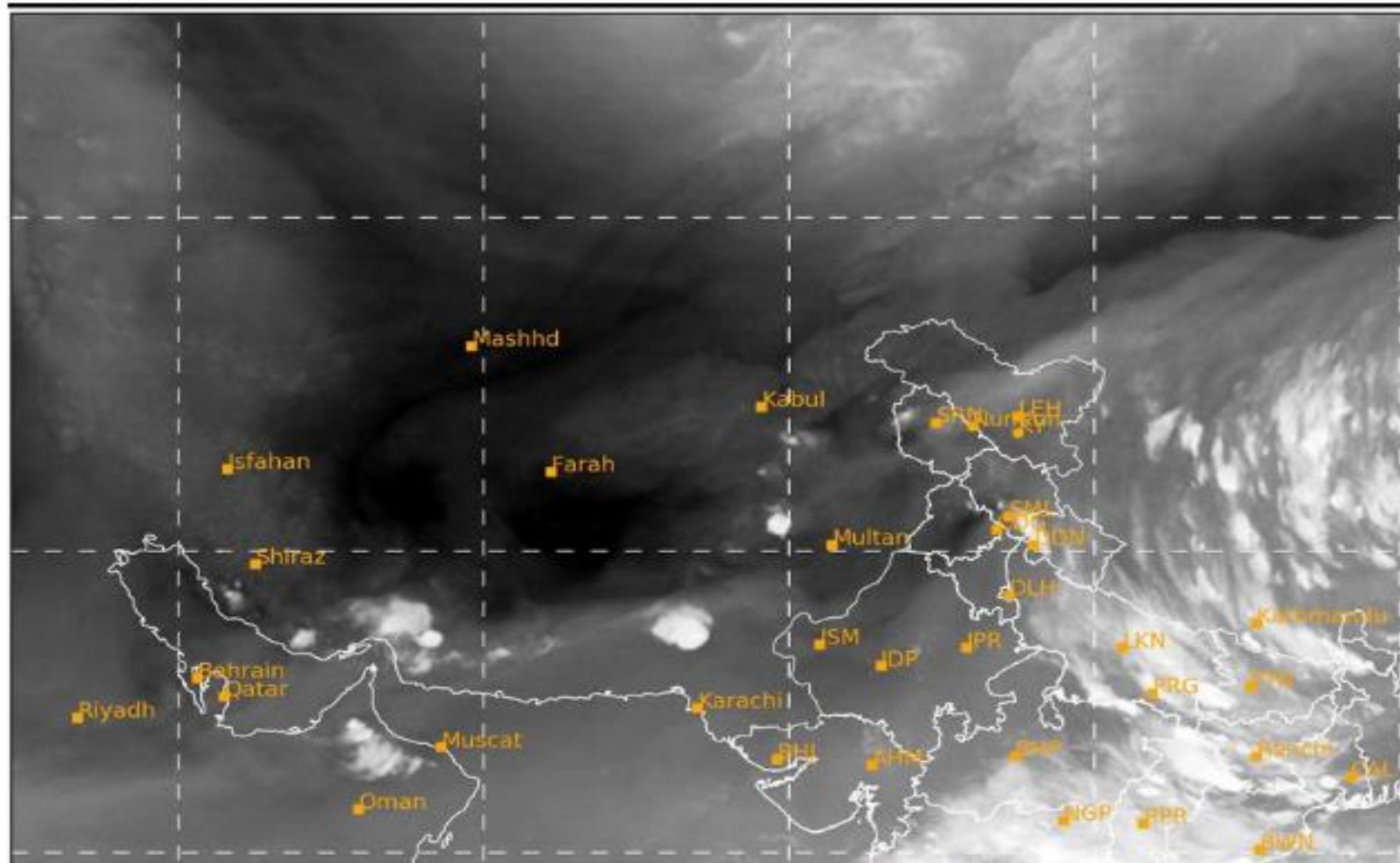
Satellite Water Vapor

Thu 08/07/2025, 07:00pm GMT+0430



SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

07-08-2025/(1314 to 1341) GMT
07-08-2025/(1844 to 1911) IST



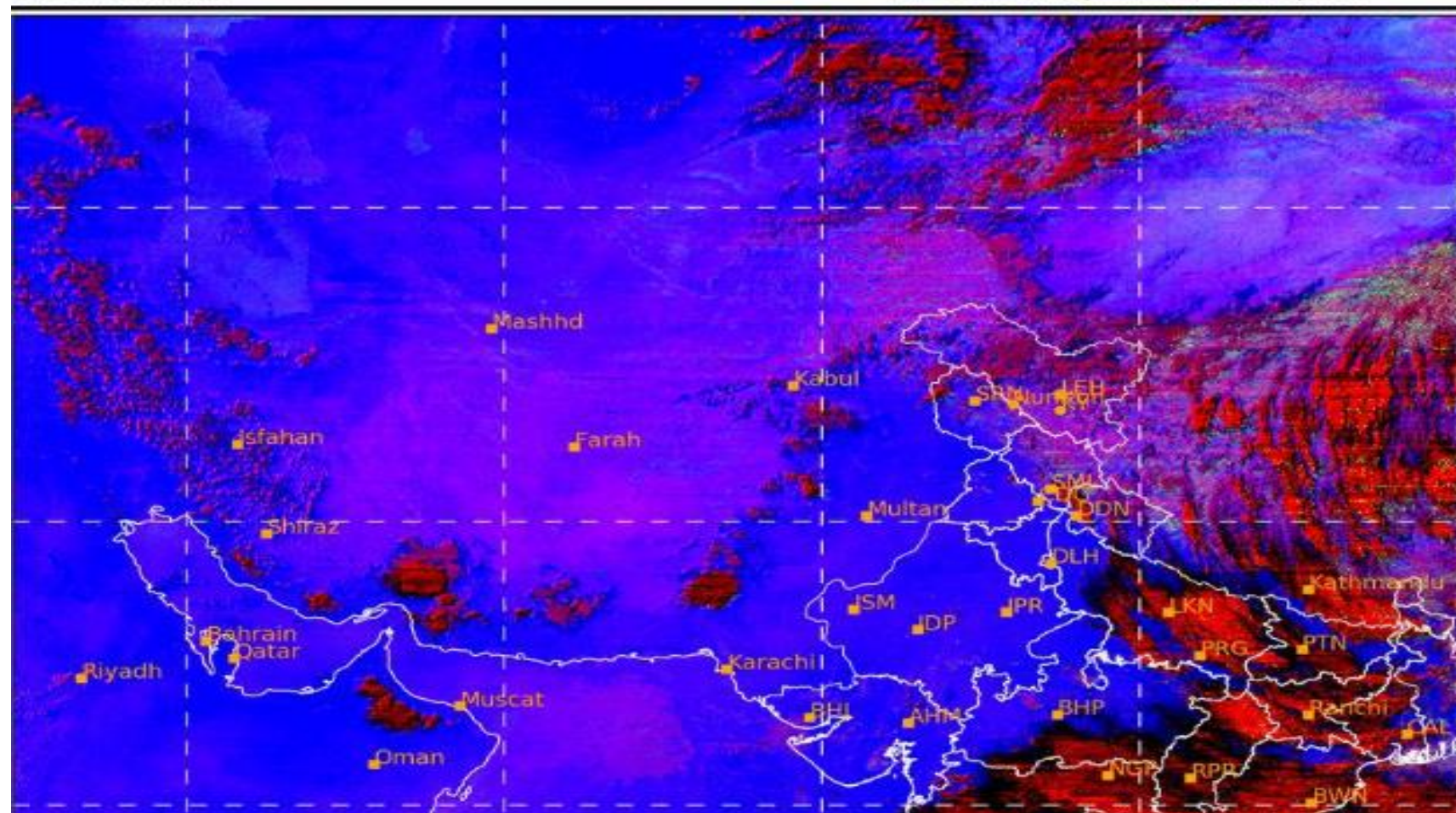
SAT : INSAT-3DR IMG

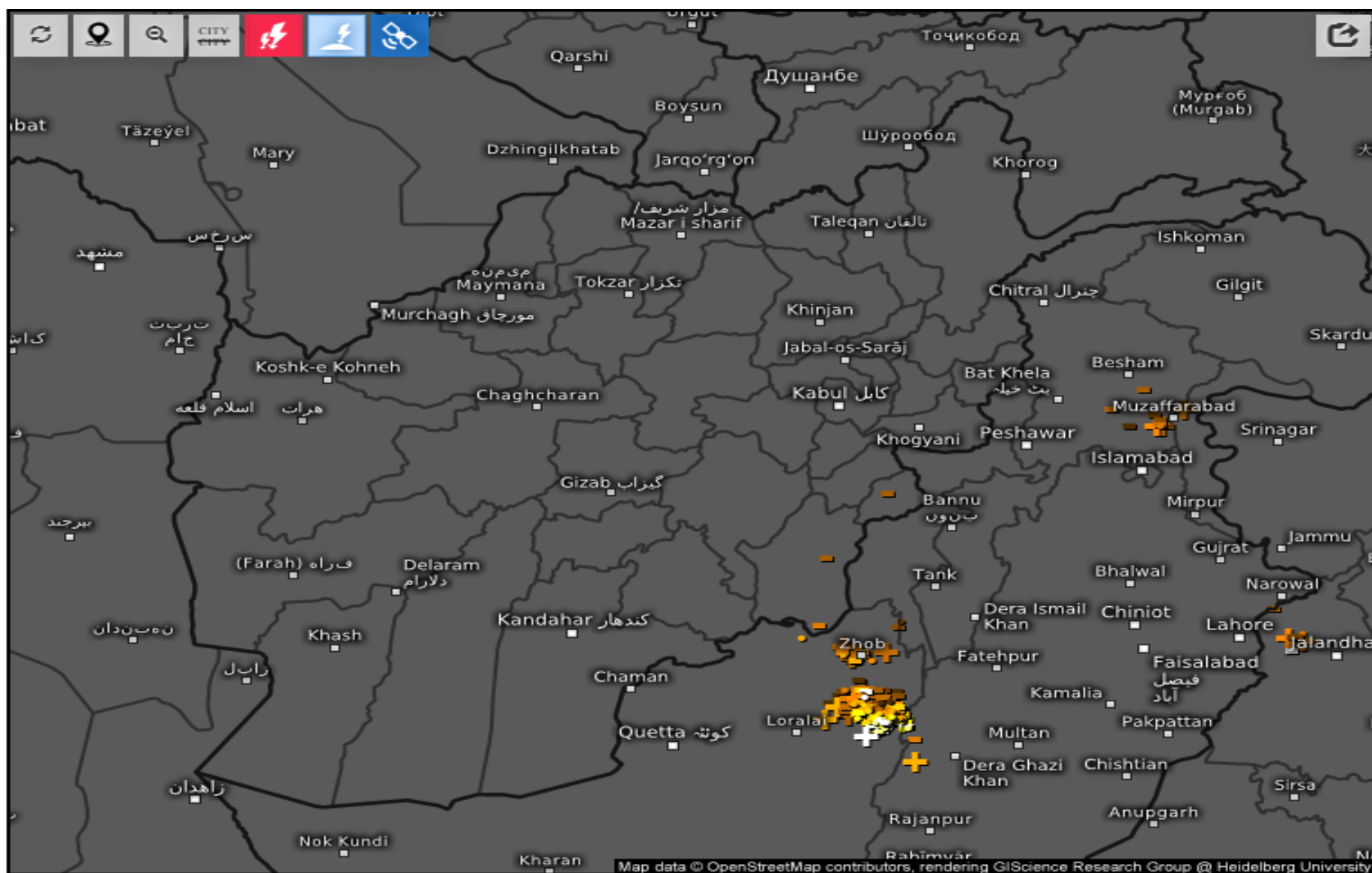
07-08-2025/(1245 to 1311) GMT

Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (G), TIR1_BT (B)

L1C Mercator

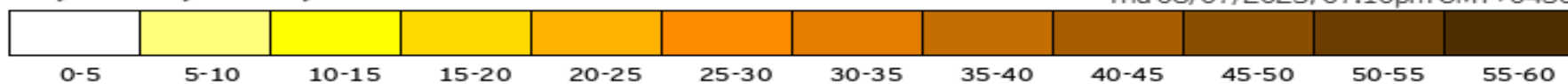
07-08-2025/(1815 to 1841) IST





Age of lightning (minutes) 

Thu 08/07/2025, 07:10pm GMT+0430



Live satellite map, Afghanistan



Cloud Top Height

2025-08-07 14:15(UTC)

